505191723 11/15/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5238492

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL W. BAKER	08/30/2018

RECEIVING PARTY DATA

Name:	MOEN INCORPORATED
Street Address:	25300 AL MOEN DRIVE
City:	NORTH OLMSTED
State/Country:	ОНЮ
Postal Code:	44070

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15446464

CORRESPONDENCE DATA

Fax Number: (216)241-0816

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2166228844

Email:ipdocket@calfee.comCorrespondent Name:SEAN T. MOORHEAD

Address Line 1: 1405 EAST 6TH

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	27475/17271
NAME OF SUBMITTER:	SEAN T. MOORHEAD
SIGNATURE:	/Sean T. Moorhead/
DATE SIGNED:	11/15/2018

Total Attachments: 2

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PATENT 505191723 REEL: 047508 FRAME: 0407

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, we, the undersigned, Daniel W. Baker of 3060 State Road, Medina, Ohio 44256, hereby assign to Moen Incorporated, a Delaware corporation, having a place of business at 25300 Al Moen Drive, North Olmsted, Ohio 44070 USA, its successors and assigns, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, all right, title, and interest in and to the inventions in

SYSTEMS AND METHODS OF POWERING CIRCUITS WITH NEAR END-OF-LIFE BATTERIES

set forth in the	e application for United States Letters Patent executed by the undersigned
on	(date(s) Declaration was signed); OR
set forth in the	e application for United States Letters Patent filed on February 28, 2017 and
assign	ed Application No. 62/464,881; and United States Letters Patent filed on
March	1, 2017 and assigned Application No. 15/446,464.

said applications for United States Letters Patent, any and all other applications for Letters Patent on said inventions in the United States and in all countries foreign to the United States, including, but not limited to, all provisional, non-provisional, continuation, divisional, renewal, substitute, PCT, and Convention applications, based in whole or in part upon said inventions or upon said applications, any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent.

Moen Incorporated is hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise.

The Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith.

PATENT REEL: 047508 FRAME: 0408

This assignment is being made under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given.

The undersigned agrees to do all acts reasonably serving to assure that said inventions, said applications, and said Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and in substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure, and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, said applications, and said Letters Patent.

The undersigned authorizes Moen Incorporated or Moen Incorporated's attorneys to enter the corresponding application number and filing date of the afore-referenced U.S. nonprovisional patent application (if available at the time of recording this assignment) prior to recording this assignment, to have the same effect as if entered prior to my signature.

Date: 8-30-2018

State of: Ohio

County of: Ouyahoga

David W. Bal

On this 30th day of august, 2018, personally appeared before me, Darrel w. Baker, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

> NOTARY PUBLIC STATE OF OHIO COMM. EXPIRES 01-26-2021

Motary Public

PATENT REEL: 047508 FRAME: 0409

RECORDED: 11/15/2018